

## Exhibit 300: Capital Asset Plan and Business Case Summary

### Part I: Summary Information And Justification (All Capital Assets)

#### Section A: Overview

1. **Date of Submission:** 2011-01-19
2. **Agency:** 011
3. **Bureau:** 10
4. **Name of this Investment:** FBI Data Centers
5. **Unique Project (Investment) Identifier (UPI):** 011-10-02-00-01-2916-00

6. **What kind of investment will this be in FY 2012?:** Mixed Life Cycle

- Planning
- Full Acquisition
- Operations and Maintenance
- Mixed Life Cycle
- Multi-Agency Collaboration

7. **What was the first budget year this investment was submitted to OMB?** FY2003

8.

- a. **Provide a brief summary of the investment and justification, including a brief description of how this closes in part or in whole an identified agency performance gap, specific accomplishments expected by the budget year and the related benefit to the mission, and the primary beneficiary(ies) of the investment.**

The Data centers Project is the IT infrastructure that empowers the FBI to internally process information electronically and consists of 1) Operations and Maintenance (O&M) of installed computing platforms, data storage devices, and a channel extension network; 2) Modernization of computing platforms, operating systems, data storage devices, and channel extension; 3) Enhancement of existing hardware; 4) Periodic development for new technology or projects such as robotic tape libraries and channel extension and an enterprise backup solution. Without this project, the FBI would perform all investigative and administrative functions via paper methods. The Data centers have been in operation since the 1960s and will continue for as long as the FBI exists. The Data centers Project is an on-going, iterative process, constantly monitoring key metrics such as processor usage; response times; bandwidth usage between data centers; environmental data; and participating in planning events for new/modified projects which are planned to be installed within the Data Centers for operations and maintenance. new purchases of hardware and services or process reengineering are initiated through the budget process based on metric projections. Occasionally, events occur which propel the metrics to unpredicted heights, necessitating the need of emergency funding, especially when requested funding was denied during the normal budgetary process. The Data Centers are using Virtual Machine (VM) technology with a LINUX platform to consolidate small, underutilized servers. Additional resources are planned for purchases as services are migrated to this technology. Additional investment in server consolidation is planned for several reasons, ease of relocating the Data Center lower power, cooling, and space requirements; reduction in labor to manage the hardware; and creation of offsite backup images.

- b. **Provide any links to relevant websites that would be useful to gain additional information on the investment including links to GAO and IG reports.**

Title	Link
NONE	

9.

- a. **Provide the date of the Agency's Executive/Investment Committee approval of this investment.**

2010-04-15

- b. **Provide the date of the most recent or planned approved project charter.** 2006-10-01

10. **Contact information?**

- a. **Program/Project Manager Name:** \*

**Phone Number:** \*

**Email:** \*

- b. **Business Function Owner Name (i.e. Executive Agent or Investment Owner):** John Everett

**Phone Number:** \*

**Email:** \*

**11. What project management qualifications does the Project Manager have? (choose only one per FAC-P/PM or DAWIA):** Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.

- Project manager has been validated according to FAC-P/PM or DAWIA criteria as qualified for this investment.
- Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.
- Project manager assigned to investment, but does not meet requirements according to FAC-P/PM or DAWIA criteria.
- Project manager assigned but qualification status review has not yet started.
- No project manager has yet been assigned to this investment.

## Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.B.1: Summary of Funding  
(In millions of dollars)

(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	PY-1 and earlier	PY 2010	CY 2011 (CY Continuing Resolution)	BY 2012	BY+1 2013	BY+2 2014	BY+3 2015	BY+4 and beyond	Total
Planning:	*	*	*	*	*	*	*	*	*
Acquisition:	*	*	*	*	*	*	*	*	*
Planning & Acquisition Government FTE Costs	*	*	*	*	*	*	*	*	*
Subtotal Planning & Acquisition(DME):	*	*	*	*	*	*	*	*	*
Operations & Maintenance:	*	*	*	*	*	*	*	*	*
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*
Operations, Maintenance, Disposition Government FTE Costs	*	*	*	*	*	*	*	*	*
Subtotal O&M and Disposition Costs (SS):	*	*	*	*	*	*	*	*	*
TOTAL FTE Costs	*	*	*	*	*	*	*	*	*
TOTAL (not including FTE costs):	*	*	*	*	*	*	*	*	*
TOTAL (including FTE costs):	*	*	*	*	*	*	*	*	*
Number of FTE represented by	*	*	*	*	*	*	*	*	*

**Table I.B.1: Summary of Funding**  
**(In millions of dollars)**

(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	PY-1 and earlier	PY 2010	CY 2011 (CY Continuing Resolution)	BY 2012	BY+1 2013	BY+2 2014	BY+3 2015	BY+4 and beyond	Total
Costs:									

2. Insert the number of years covered in the column “PY-1 and earlier”: 3

3. Insert the number of years covered in the column “BY+4 and beyond”: \*

4. If the summary of funding has changed from the FY 2011 President’s Budget request, briefly explain those changes:

\*

## Section C: Acquisition/Contract Strategy (All Capital Assets)

1.

Table I.C.1 Contracts Table

Contract Status	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	Solicitation ID	Alternative financing	EVM Required	Ultimate Contract Value (M)	Type of Contract/Task Order (Pricing)	Is the contract a Performance Based Service Acquisition (PBSA)?	Effective date	Actual or expected End Date of Contract/Task Order	Extent Completed	Short description of acquisition
Awarded	1549	<a href="#">DJFM0G001903</a>	GS35F4984H		*	*	\$7.3	Firm Fixed Price	N	2009-11-03	2010-09-30	Y	0200 - Software maintenance
Awarded	1549	<a href="#">DJFM0G001902</a>	GS35F0209R		*	*	\$3.0	Firm Fixed Price	N	2010-01-01	2010-12-31	Y	0200 - hardware maintenance
Awarded	1549	<a href="#">DJFM1G100001</a>	GS35F0340W		*	*	\$346.2	Firm Fixed Price	N	2010-11-29	2015-09-30	Y	0200 - Software maintenance
Awarded	1549	<a href="#">DJFM1N0904202</a>	DJFJFBI09042		*	*	\$64.9	Firm Fixed Price	N	2010-10-28	2013-09-30	N	s/w maintenance
Awarded	1549	DJFA1G101122	GS35F0340W		*	*	\$441.0	Firm Fixed Price	Y	2010-12-23	2010-12-23	Full and Open Competition	
Awarded	1549	<a href="#">DJFM1G101423</a>	GS35F4984H		*	*	\$1,125.6	Firm Fixed Price	N	2010-10-27	2013-09-30	Y	0200 - SOFTWARE MAINTENANCE
Awarded	1549	<a href="#">DJFM1G101131</a>	GS35F0509S		*	*	\$11.6	Firm Fixed	N	2011-02-23	2011-09-30	Y	Software

Table I.C.1 Contracts Table

Contract Status	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	Solicitation ID	Alternative financing	EVM Required	Ultimate Contract Value (M)	Type of Contract/Task Order (Pricing)	Is the contract a Performance Based Service Acquisition (PBSA)?	Effective date	Actual or expected End Date of Contract/Task Order	Extent Completed	Short description of acquisition
								Price					Maintenance
Awarded	1549	<a href="#">DJFAM1D101140</a>	NNG07DA49B		*	*	\$200.2	Firm Fixed Price	X	2011-04-04	2011-05-04	Y	0200-computers
Awarded	1549	<a href="#">DJFA1G101130</a>	GS35F4984H		*	*	\$244.0	Firm Fixed Price	X	2011-02-16	2011-03-31	Y	Software Maintenance
Awarded	1549	DJFA1G101129	GSA35F4984H		*	*	\$144.0	Firm Fixed Price	Y	2011-02-03	2011-04-09	Full and Open Competition	
Awarded	1549	<a href="#">DJFM1G101452</a>	GS35F0209R		*	*	\$606.9	Firm Fixed Price	N	2011-01-03	2011-12-31	Y	0200 - SOFTWARE MAINTENANCE
Awarded	1549	<a href="#">DJFA1G101128</a>	GS35F4984H		*	*	\$180.0	Firm Fixed Price	X	2011-02-16	2011-03-31	Y	Software
Awarded	1549	<a href="#">DJFA1D10138</a>	NNG07DA26B		*	*	\$139.1	Firm Fixed Price	X	2011-03-19	2011-04-22	Y	0200-computers
Awarded	1549	<a href="#">DJFM1G101435</a>	GS35F0456M		*	*	\$451.5	Firm Fixed Price	N	2010-10-14	2011-09-30	Y	0200 - SOFTWARE MAINTENANCE

Table I.C.1 Contracts Table

Contract Status	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	Solicitation ID	Alternative financing	EVM Required	Ultimate Contract Value (M)	Type of Contract/Task Order (Pricing)	Is the contract a Performance Based Service Acquisition (PBSA)?	Effective date	Actual or expected End Date of Contract/Task Order	Extent Completed	Short description of acquisition
Awarded	1549	<a href="#">DJFM1G101436</a>	GS35F0456M		*	*	\$52.4	Firm Fixed Price	N	2010-10-14	2011-09-30	Y	0200 - SOFTWARE MAINTENANCE
Awarded	1549	<a href="#">DJFM1G101433</a>	GS35F5337H		*	*	\$62.8	Firm Fixed Price	N	2010-10-14	2012-09-30	Y	0200 - SOFTWARE MAINTENANCE
Awarded	1549	DJA1G101322	GS35F0823M		*	*	\$1,250.0	Firm Fixed Price	Y	2010-10-01	2011-09-30	Full and Open Competition	

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

\*

3.

- a. Has an Acquisition Plan been developed? If yes, please answer the questions that follow \*
- b. Does the Acquisition Plan reflect the requirements of FAR Subpart 7.1 \*
- c. Was the Acquisition Plan approved in accordance with agency requirements \*
- d. If "yes," enter the date of approval? \*
- e. Is the acquisition plan consistent with your agency Strategic Sustainability Performance Plan? \*
- f. Does the acquisition plan meet the requirements of EOs 13423 and 13514? \*
- g. If an Acquisition Plan has not been developed, provide a brief explanation.

\*

## Part II: IT Capital Investments

### Section A: General

1.
  - a. **Confirm that the IT Program/Project manager has the following competencies: configuration management, data management, information management, information resources strategy and planning, information systems/network security, IT architecture, IT performance assessment, infrastructure design, systems integration, systems life cycle, technology awareness, and capital planning and investment control.** yes
  - b. **If not, confirm that the PM has a development plan to achieve competencies either by direct experience or education.**
2. **Describe the progress of evaluating cloud computing alternatives for service delivery to support this investment.** DOJ will include cloud computing (CC) capabilities in its infrastructure when they are mature enough to support DOJ missions and security requirements. Its CC strategy will define a service approach for implementing CC capabilities across DOJ.
3. **Provide the date of the most recent or planned Quality Assurance Plan** 2010-11-15
4.
  - a. **Provide the UPI of all other investments that have a significant dependency on the successful implementation of this investment.**
  - b. **If this investment is significantly dependent on the successful implementation of another investment(s), please provide the UPI(s).**
5. **An Alternatives Analysis must be conducted for all Major Investments with Planning and Acquisition (DME) activities and evaluate the costs and benefits of at least three alternatives and the status quo. The details of the analysis must be available to OMB upon request. Provide the date of the most recent or planned alternatives analysis for this investment.** 2011-03-31
6. **Risks must be actively managed throughout the lifecycle of the investment. The Risk Management Plan and risk register must be available to OMB upon request. Provide the date that the risk register was last updated.** 2010-10-19



## Section B: Cost and Schedule Performance

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Data Center Modernization and Tech Refresh FY07	DME	*	\$14.5	\$14.5	2006-10-01	2006-10-01	2007-09-30	2007-09-30	100.00%	100.00%
Data Center Operations FY07	SS	*	\$25.0	\$25.0	2006-10-01	2006-10-01	2007-09-30	2007-09-30	100.00%	100.00%
FY2007 Contract Maintenance - Hardware	SS	*	\$2.7	\$2.7	2006-10-01	2006-10-01	2007-09-30	2007-09-30	100.00%	100.00%
Data Center Modernization and Tech Refresh FY08	DME	*	\$14.5	\$14.5	2007-10-01	2007-10-01	2008-09-30	2008-10-01	100.00%	100.00%
Data Center Operations FY08	SS	*	\$24.9	\$24.9	2007-10-01	2007-10-01	2008-09-30	2008-10-01	100.00%	100.00%
FY2008 Contract Maintenance - Hardware	SS	*	\$3.0	\$2.7	2007-10-01	2007-10-01	2008-09-30	2008-10-01	100.00%	100.00%
Data Center Modernization and Tech Refresh FY09	DME	*	\$14.5	\$14.5	2008-10-01	2008-10-01	2009-09-30	2009-10-01	100.00%	100.00%
Data Center Operations FY09	SS	*	\$25.2	\$25.2	2008-10-01	2008-10-01	2009-09-30	2009-10-01	100.00%	100.00%
FY2009 Contract Maintenance - Hardware	SS	*	\$1.9	\$1.9	2008-10-01	2008-10-01	2009-09-30	2009-10-01	100.00%	100.00%
Data Center Modernization and Tech Refresh FY10	DME	*	\$10.0	\$10.0	2009-10-01	2009-10-01	2010-09-30		100.00%	98.00%
Data Center Operations FY10	SS	*	\$35.4	\$35.4	2009-10-01	2009-10-01	2010-09-30		100.00%	98.00%

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
FY2010 Contract Maintenance - Hardware	SS	*	\$1.1	\$1.1	2009-10-01	2009-10-01	2010-09-30		100.00%	98.00%
Data Center Modernization and Tech Refresh FY11	DME	*	\$15.7	\$11.2	2010-10-01	2010-10-01	2011-09-30		71.34%	71.34%
Data Center Operations FY11	SS	*	\$26.1	\$17.7	2010-10-01	2010-10-01	2011-09-30		67.54%	67.54%
FY2011 Contract Maintenance - Hardware	SS	*	\$1.4	\$1.1	2010-10-01	2010-10-01	2011-09-30		74.99%	74.99%
Data Center Modernization and Tech Refresh FY12	DME	*	\$5.5		2011-10-01		2012-09-30		0.00%	0.00%
Data Center Operations FY12	SS	*	\$27.3	\$0.0	2011-10-01		2012-09-30		0.00%	0.00%
FY2012 Contract Maintenance - Hardware	SS	*	\$1.5		2011-10-01		2012-09-30		0.00%	0.00%
Data Center Modernization and Tech Refresh FY13	DME	*	*	*	2012-10-01	*	2013-09-30	*	*	*
Data Center Operations FY13	SS	*	*	*	2012-10-01	*	2013-09-30	*	*	*
FY2013 Contract Maintenance - Hardware	SS	*	*	*	2012-10-01	*	2013-09-30	*	*	*
Data Center Modernization and Tech Refresh FY14	DME	*	*	*	2013-10-01	*	2014-09-30	*	*	*
Data Center Operations FY14	SS	*	*	*	2013-10-01	*	2014-09-30	*	*	*

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
FY2014 Contract Maintenance - Hardware	SS	*	*	*	2013-10-01	*	2014-09-30	*	*	*
Data Center Modernization and Tech Refresh FY15	DME	*	*	*	2014-10-01	*	2015-09-30	*	*	*
Data Center Operations FY15	SS	*	*	*	2014-10-01	*	2015-09-30	*	*	*
FY2015 Contract Maintenance - Hardware	SS	*	*	*	2014-10-01	*	2015-09-30	*	*	*
Data Center Modernization and Tech Refresh FY16	DME	*	*	*	2015-10-01	*	2016-09-30	*	*	*
Data Center Operations FY16	SS	*	*	*	2015-10-01	*	2016-09-30	*	*	*
FY2016 Contract Maintenance - Hardware	SS	*	*	*	2015-10-01	*	2016-09-30	*	*	*
FY2011 Contract Maintenance - Software	SS	*	\$18.9	\$14.2	2010-10-01	2010-10-01	2011-09-30		74.99%	74.99%
FY2012 Contract Maintenance - Software	SS	*	\$20.9	\$0.0	2011-10-01		2012-09-30		0.00%	0.00%
FY2013 Contract Maintenance - Software	SS	*	\$22.9	\$0.0	2011-10-01		2012-09-30		0.00%	0.00%
FY2014 Contract Maintenance - Software	SS	*	\$25.1	\$0.0	2011-10-01		2012-09-30		0.00%	0.00%
FY2015 Contract Maintenance - Software	SS	*	\$27.6	\$0.0	2011-10-01		2012-09-30		0.00%	0.00%

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
FY2016 Contract Maintenance - Software	SS	*	\$27.9	\$0.0	2011-10-01		2012-09-30		0.00%	0.00%

2. If the investment cost, schedule, or performance variances are not within 10 percent of the current baseline, provide a complete analysis of the reasons for the variances, the corrective actions to be taken, and the most likely estimate at completion.

3. For mixed lifecycle or operations and maintenance investments an Operational Analysis must be performed annually. Operational analysis may identify the need to redesign or modify an asset by identifying previously undetected faults in design, construction, or installation/integration, highlighting whether actual operation and maintenance costs vary significantly from budgeted costs, or documenting that the asset is failing to meet program requirements. The details of the analysis must be available to OMB upon request. Insert the date of the most recent or planned operational analysis.

2011-06-30

4. Did the Operational analysis cover all 4 areas of analysis: Customer Results, Strategic and Business Results, Financial Performance, and Innovation?

yes

Section C: Financial Management Systems

Table II.C.1: Financial Management Systems			
System(s) Name	System acronym	Type of Financial System	BY Funding
*	*	*	*

Section D: Multi-Agency Collaboration Oversight (For Multi-Agency Collaborations only)

Table II.D.1. Customer Table:	
Customer Agency	Joint exhibit approval date
NONE	

Table II.D.2. Shared Service Providers		
Shared Service Provider (Agency)	Shared Service Asset Title	Shared Service Provider Exhibit 53 UPI (BY 2011)
*	*	*

Table II.D.3. For IT Investments, Partner Funding Strategies (\$millions):							
Partner Agency	Partner exhibit 53 UPI (BY 2012)	CY Monetary Contribution	CY “In-Kind” Contribution	CY Fee-for-Service	BY Monetary Contribution	BY “In-Kind” Contribution	BY Fee-for-Service
NONE							

Table II.D.4. Legacy Systems Being Replaced		
Name of the Legacy Investment of Systems	Current UPI	Date of the System Retirement
*	*	*

## Section E: Performance Information

Table I.E.1a. Performance Metric Attributes

Measurement Area (For IT Assets)	Measurement Grouping (For IT Assets)	Measurement Indicator	Reporting Frequency	Unit of Measure	Performance Measure Direction	Baseline	Year Baseline Established for this measure (Origination Date)
Technology	Load levels	CPU utilization balance	quarterly	percent of CPU utilization	Maintain	70%	2010-01-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2010	70%	70%	Met	2011-02-15
			2011	70%	70%	Met	2011-03-25
			2012	70%		Not Due	2011-02-15
			2013	70%		Not Due	2011-02-15
			2014	70%		Not Due	2011-02-15
			2015	70%		Not Due	2011-02-15
			2016	70%		Not Due	2011-02-15
Technology	Data Reliability and Quality	Network Bandwidth	quarterly	Latency in seconds	Decrease	0.06	2010-01-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2010	0.030 - 0.040	0.06	Not Met	2011-02-22
			2011	0.030 - 0.040	0.06	Not Met	2011-03-25

Technology	IT Composition	Server Virtualization					
			2012	0.030 - 0.040		Not Due	2010-10-29
			2013	0.030 - 0.040		Not Due	2010-10-29
			2014	0.030 - 0.040		Not Due	2010-10-29
			2015	0.030 - 0.040		Not Due	2010-10-29
			2016	0.030 - 0.040		Not Due	2010-10-29
			quarterly	Number of physical servers	Decrease	5000	2010-01-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2010	4900	4900	Met	2011-02-15
			2011	4700	4900	Not Met	2011-03-25
			2012	4500		Not Due	2011-02-15
			2013	4300		Not Due	2011-02-15
			2014	4100		Not Due	2011-02-15
			2015	3900		Not Due	2011-02-15
			2016	3700		Not Due	2011-02-15
Technology	Data Storage	Storage Capacity	quarterly	TB of Available Storage	Increase	800 TB	2010-01-01



Fiscal Year	Target	Actual Results	Target “Met” or “Not Met”	Last Updated
2010	800 TB	800 TB	Met	2011-02-15
2011	1000 TB	800 TB	Not Met	2011-03-25
2012	1200 TB		Not Due	2011-02-15
2013	1400 TB		Not Due	2011-02-15
2014	1600 TB		Not Due	2011-02-15
2015	1800 TB		Not Due	2011-02-15
2016	2000 TB		Not Due	2010-10-29

\* - Indicates data is redacted.